

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10007286-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Viatcheslav, Ossipov et al.

Confirmation No.: 1278

Application No.: 09/975,297

Examiner: Soward, Ida M.

Filing Date: 10/12/2001

Group Art Unit: 2822

Title: HIGH CURRENT AVALANCHE-TUNNELING AND INJECTION TUNNELING
SEMICONDUCTOR-DIELECTRIC-METAL STABLE COLD EMITTER, WHICH EMULATES
THE NEGATIVE ELECTRON AFFINITY MECHANISM OF EMISSION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	25	MINUS	27	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00	\$ 0	
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 872-9318 on Dec 10, 2003
Number of pages: 15
Typed Name: Wendell J. Jones
Signature: _____

Respectfully submitted,

Viatcheslav, Ossipov et al.

By _____

Wendell J. Jones

Attorney/Agent for Applicant(s)
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Date: Dec. 10, 2003

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Rev 10/03 (TnAndFax)

- Attach as First Page to Transmitted Papers -

Serial No.09/975,297
HP Docket No: 10007286-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Date: December 10, 2003

Viatcheslav Ossipov et al.

Serial No.:09/975,297

Group Art Unit: 2822

Filed: October 12, 2001

Examiner: Soward, Ida M.

For: HIGH CURRENT AVALANCHE-TUNNELING AND INJECTION
TUNNELING SEMICONDUCTOR-DIELECTRIC-METAL STABLE
COLD EMITTER, WHICH EMULATES THE NEGATIVE ELECTRON
AFFINITY MECHANISM OF EMISSION

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Honorable Commissioner of Patents and Trademarks
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated October 6, 2003, please enter the following
amendments and remarks into the above-identified application:

Amendments begin on page 2 of this paper.

Remarks begin on page 7 of this paper.